

ES769-01(*)

PTO/SB/106(8-96)

Approved for use through 9/30/98. OMB 0651-0032

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Declaration and Power of Attorney For Patent Application

特許出願宣言書及び委任状

Japanese Language Declaration

日本語宣言書

下記の氏名の発明者として、私は以下の通り宣言します。

As a below named inventor, I hereby declare that:

私の住所、私書箱、国籍は下記の私の氏名の後に記載された通りです。

My residence, post office address and citizenship are as stated next to my name.

下記の名称の発明に関して請求範囲に記載され、特許出願している発明内容について、私が最初かつ唯一の発明者（下記の氏名が一つの場合）もしくは最初かつ共同発明者であると（下記の名称が複数の場合）信じています。

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

EMISSION CONTROL DEVICE FOR CYLINDER

FUEL INJECTION ENGINE

上記発明の明細書（下記の欄で×印がついていない場合は、本書に添付）は、

The specification of which is attached hereto unless the following box is checked:

☐ __月__日に提出され、米国出願番号または特許協定条約国際出願番号を____とし、
(該当する場合) _____に訂正されました。

☐ was filed on
as United States Application Number or
PCT International Application Number
_____ and was amended on
_____ (if applicable).

私は、特許請求範囲を含む上記訂正後の明細書を検討し、内容を理解していることをここに表明します。

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

私は、連邦規則法典第37編第1条56項に定義されるとおり、特許資格の有無について重要な情報を開示する義務があることを認めます。

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

10065760 "020602"

Japanese Language Declaration
(日本語宣言書)

私は、米国法典第35編119条(a)-(d)項又は365条(b)項に基づき下記の、米国以外の国の少なくとも一カ国を指定している特許協力条約365(a)項に基づく国際出願、又は外国での特許出願もしくは発明者証の出願についての外国優先権をここに主張するとともに、優先権を主張している、本出願の前に出願された特許または発明者証の外国出願を以下に、枠内をマークすることで、示している。

Prior Foreign Application(s)

外国での先行出願

2000-101178
(Number)
(番号)

Japan
(Country)
(国名)

I hereby claim foreign priority under Title 35, United States Code, Section 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Priority Not Claimed

優先権主張なし

31/March/2000
(Day/Month/Year Filed)
(出願年月日)

☐

(Number)
(番号)

(Country)
(国名)

(Day/Month/Year Filed)
(出願年月日)

☐

私は、第35編米国法典119条(e)項に基づいて下記の米国特許出願規定に記載された権利をここに主張いたします。

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below.

(Application No.)
(出願番号)

(Filing Date)
(出願日)

(Application No.)
(出願番号)

(Filing Date)
(出願日)

私は、下記の米国法典第35編120条に基づいて下記の米国特許出願に記載された権利、又は米国を指定している特許協力条約365条(c)に基づき権利をここに主張します。また、本出願の各請求範囲の内容が米国法典第35編112条第1項又は特許協力条約で規定された方法で先行する米国特許出願に開示されていない限り、その先行米国出願書提出日以降で本出願書の日本国内または特許協力条約国際提出日までの期間中に入手された、連邦規則法典第37編1条56項で定義された特許資格の有無に関する重要な情報について開示義務があることを認識しています。

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s), or 365(c) of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of application.

(Application No.)
(出願番号)

(Filing Date)
(出願日)

(Status: Patented, Pending, Abandoned)
(現況: 特許許可済、係属中、放棄済)

(Application No.)
(出願番号)

(Filing Date)
(出願日)

(Status: Patented, Pending, Abandoned)
(現況: 特許許可済、係属中、放棄済)

私は、私自身の知識に基づいて本宣言書で私が行なう表明が真実であり、かつ私の入手した情報と私の信じていることに基づき表明が全て真実であると信じていること、さらに故意になされた虚偽の表明及びそれと同等の行為は米国法典第18編第1001条に基づき、罰金または拘禁、もしくはその両方により処罰されること、そしてそのような故意による虚偽の声明を行えば、出願した、又は既に許可された特許の有効性が失われることを認識し、よってここに上記のごとく宣誓を致します。

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

E5769-01(米)

PTO/SB/106(8-96) (Modulated spacing)

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Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Japanese Language Declaration (日本語宣言書)

委任状： 私は下記の発明者として、本出願に関する一切の手続きを米特許商標局に対して遂行する弁理士または代理人として、下記の者を指名いたします。（弁理士、または代理人の氏名及び登録番号を明記のこと）

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith (list name and registration number)

Martin Fleit, Reg. No. 16,900; Herbert I. Cantor, Reg. No. 24,392; James F. McKeown, Reg. No. 25,406; Donald D. Evenson, Reg. No. 26,160; Joseph D. Evans, Reg. No. 26,269; Gary R. Edwards, Reg. No. 31,824; Jeffrey D. Sanok, Reg. No. 32,169; Richard R. Diefendorf, Reg. No. 32,390; and Paul A. Schnose, Reg. No. 39,361

書類送付先

Send Correspondence to:

Evenson, McKeown, Edwards & Lenehan P.L.L.C. Suite 700
1200 G St., N.W., Washington, D.C. 20005

直接電話連絡先：（氏名及び電話番号）

Direct Telephone Calls to: (name and telephone number)

Telephone: (202)628-8800

Fax: (202)628-8844

| | | |
|------------|---|---|
| 唯一または第一発明者 | Full name of sole or first inventor Yoichi IIHOSHI | |
| 発明者の署名 | 日付 | Inventor's signature <i>Yoichi Iihoshi</i> Date 02/14/2001 |
| 住所 | Residence Tsuchiura, Japan | |
| 国籍 | Citizenship Japan | |
| 私書箱 | Post Office Address c/o Hitachi, Ltd., Intellectual Property Group New Marunouchi Bldg. 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220, Japan | |

(第二以降の共同発明者についても同様に記載し、署名をすること)

(Supply similar information and signature for second and subsequent joint inventors.)

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E5769-01 (米)

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| | |
|---------------|---|
| 第二共同発明者 | Full name of second joint inventor, if any Minoru OHSUGA |
| 第二共同発明者の署名 日付 | Second inventor's signature Date <i>Minoru Ohsuga</i> 02/14/2001 |
| 住所 | Residence Hitachinaka, Japan |
| 国籍 | Citizenship Japan |
| 私書箱 | Post Office Address c/o Hitachi, Ltd., Intellectual Property Group New Marunouchi Bldg. 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220, Japan |
| 第三共同発明者 | Full name of third joint inventor, if any Toshiharu NOGI |
| 第三共同発明者の署名 日付 | Third inventor's signature Date <i>Toshiharu Nogi</i> 02/14/2001 |
| 住所 | Residence Hitachinaka, Japan |
| 国籍 | Citizenship Japan |
| 私書箱 | Post Office Address c/o Hitachi, Ltd., Intellectual Property Group New Marunouchi Bldg. 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220, Japan |
| 第四共同発明者 | Full name of fourth joint inventor, if any Takuya SHIRAISHI |
| 第四共同発明者の署名 日付 | Fourth inventor's signature Date <i>Takuya Shiraishi</i> 02/14/2001 |
| 住所 | Residence Hitachinaka, Japan |
| 国籍 | Citizenship Japan |
| 私書箱 | Post Office Address c/o Hitachi, Ltd., Intellectual Property Group New Marunouchi Bldg. 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220, Japan |
| 第五共同発明者 | Full name of fifth joint inventor, if any Noboru TOKUYASU |
| 第五共同発明者の署名 日付 | Fifth inventor's signature Date <i>Noboru Tokuyasu</i> 02/14/2001 |
| 住所 | Residence Hitachi, Japan |
| 国籍 | Citizenship Japan |
| 私書箱 | Post Office Address c/o Hitachi, Ltd., Intellectual Property Group New Marunouchi Bldg. 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220, Japan |



UNITED STATES DEPARTMENT OF COMMERCE
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Washington, D.C. 20231

AUGUST 23, 2001

PTAS

CROWELL & MORING, L.L.P.
JAMES F. MCKEOWN
P.O. BOX 14300
WASHINGTON, D.C. 20044-4300



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ASSIGNOR:

IIHOSHI, YOICHI

DOC DATE: 02/14/2001

ASSIGNOR:

OHSUGA, MINORU

DOC DATE: 02/14/2001

ASSIGNOR:

NOGI, TOSHIHARU

DOC DATE: 02/14/2001

ASSIGNOR:

SHIRAISHI, TAKUYA

DOC DATE: 02/14/2001

ASSIGNOR:

TOKUYASU, NOBORU

DOC DATE: 02/14/2001

ASSIGNEE:

HITACHI, LTD.
6, KANDA SURUGADAI 4-CHOME
CHIYODA-KU, TOKYO, JAPAN

20066760 060600

FILING DATE: 02/27/2001
ISSUE DATE:

SHAREILL COLES, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

| Table 1. Demographic characteristics of the study population | |
|--|----------------------------|
| Age (years) | 55.0 |
| Gender | Male 50.0% |
| Marital status | Married 70.0% |
| Education | High school or above 80.0% |
| Occupation | White collar 60.0% |
| Income (USD/month) | 1,000 or more 70.0% |
| Health status | Good 80.0% |
| Smoking status | Non-smoker 70.0% |
| Alcohol consumption | Non-drinker 70.0% |
| Exercise frequency | Regular 60.0% |
| Family size | 2 or less 70.0% |
| Health insurance | Yes 80.0% |
| Chronic diseases | None 70.0% |
| Medication use | None 70.0% |
| Stress level | Low 70.0% |
| Sleep quality | Good 70.0% |
| Dietary habits | Healthy 70.0% |
| Work-life balance | Good 70.0% |
| Overall well-being | Good 70.0% |

E5769-01(※)

ASSIGNMENT (譲渡証)

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by HITACHI, LTD., a corporation organized under the laws of Japan, located at 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said HITACHI, LTD., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

EMISSION CONTROL DEVICE FOR CYLINDER FUEL INJECTION ENGINE
invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said HITACHI, LTD., its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said HITACHI, LTD.

Signed on the date(s) indicated aside signatures:

| | INVENTOR(S) (発明者フルネームサイン) | Date Signed (署名日) |
|-----|---|----------------------|
| 1) | <u>Yoichi Iihoshi</u> Yoichi IIHOSHI | <u>02/14/2001</u> |
| 2) | <u>Minoru Ohsuga</u> Minoru OHSUGA | <u>02/14/2001</u> |
| 3) | <u>Toshiharu NOGI</u> Toshiharu NOGI | <u>02/14/2001</u> |
| 4) | <u>Takuya SHIRAISHI</u> Takuya SHIRAISHI | <u>02/14/2001</u> |
| 5) | <u>Noboru TOKUYASU</u> Noboru TOKUYASU | <u>02/14/2001</u> |
| 6) | _____ | _____ |
| 7) | _____ | _____ |
| 8) | _____ | _____ |
| 9) | _____ | _____ |
| 10) | _____ | _____ |

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